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HISTORICAL AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

VULCAN CRUCIBLE STEEL COMPANY, BUILDING NO. 3
100 First Street
West Aliquippa
Beaver County
Pennsylvania

HAER NO. PA-278-A

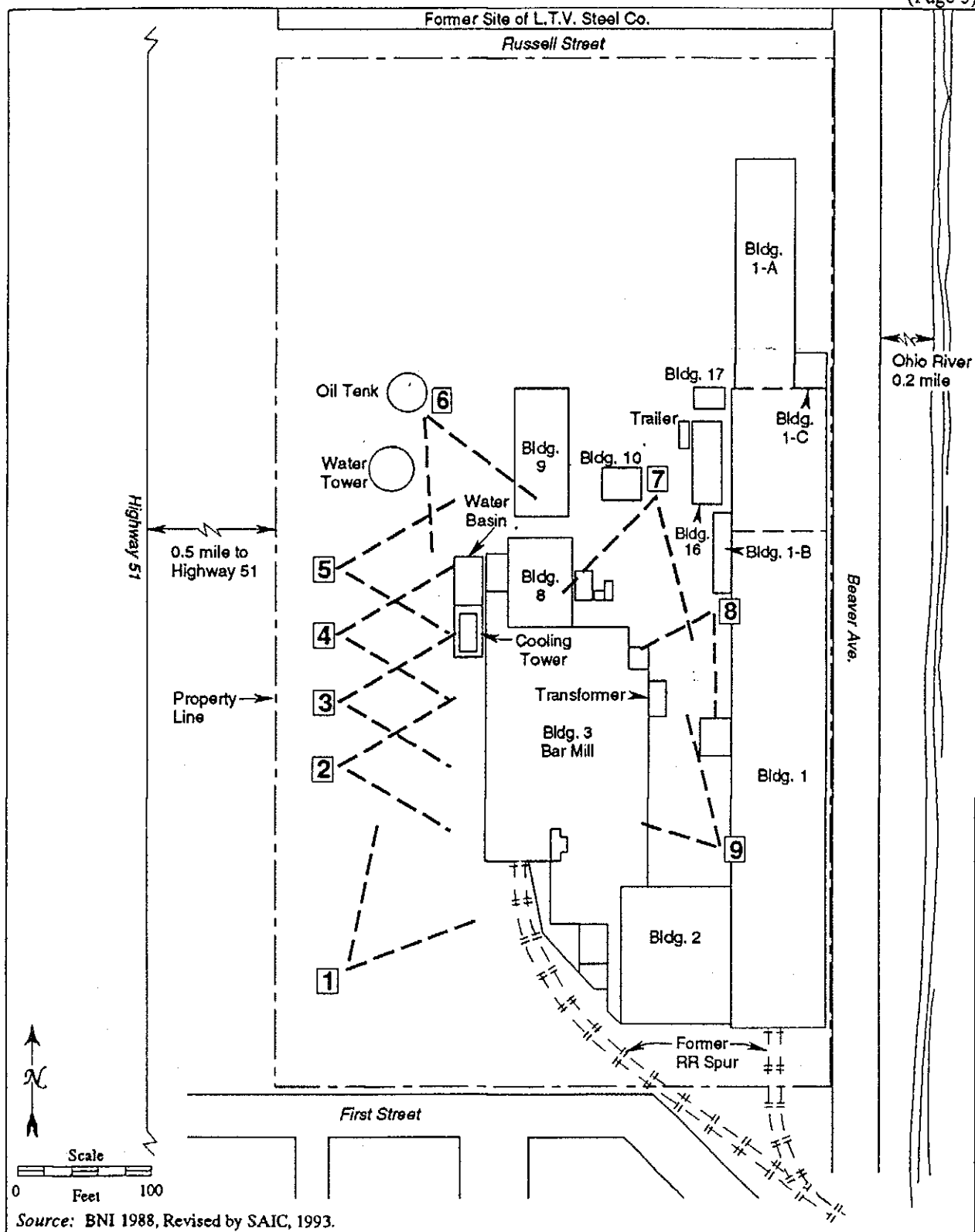
Photographer: Karl A. Backus (all views)

June 1993

- PA-278-A-1 OVERALL OBLIQUE VIEW NORTH-NORTHEAST, CORNER OF SOUTH & WEST FACADES.
- PA-278-A-2 DETAILED VIEW EAST, WEST FACADE, SHOWING SLIDING DOORS, ROOF VENTS.
- PA-278-A-3 DETAILED VIEW EAST, WEST FACADE.
- PA-278-A-4 DETAILED VIEW EAST, WEST FACADE, SHOWING COOLING TOWER.
- PA-278-A-5 DETAILED VIEW EAST, WEST FACADE, SHOWING WATER BASIN TO LEFT OF COOLING TOWER.
- PA-278-A-6 OVERALL OBLIQUE VIEW SOUTH-SOUTHEAST, SHOWING NORTH & WEST FACADES WITH SHED ROOF BUILDING 8 JUTTING FROM NORTH FACADE OF WEST BAY.
- PA-278-A-7 OVERALL VIEW SOUTH, SHOWING NORTH FACADE OF EAST BAY OF BUILDING 3.
- PA-278-A-8 DETAILED OBLIQUE VIEW SOUTH-SOUTHWEST, EAST FACADE, SHOWING TRANSFORMER TOWER. BUILDING 2 AT REAR.
- PA-278-A-9 DETAILED OBLIQUE VIEW NORTHWEST, EAST FACADE, SHOWING TRANSFORMER TOWER.
- PA-278-A-10 GENERAL OVERALL INTERIOR VIEW SOUTH, SHOWING EAST BAY.
- PA-278-A-11 GENERAL OVERALL INTERIOR VIEW NORTH-NORTHWEST.
- PA-278-A-12 OVERALL OBLIQUE VIEW NORTHWEST OF FURNACES 1 & 2, RIGHT TO LEFT.
- PA-278-A-13 DETAILED OBLIQUE VIEW NORTHWEST OF FURNACE 1.
- PA-278-A-14 DETAILED VIEW WEST OF FURNACE 1, SHOWING HEAVY DOORS AND CHAINS.
- PA-278-A-15 DETAILED OBLIQUE VIEW SOUTHWEST OF FURNACE 1, SHOWING COUNTER-WEIGHTED PIVOT ARMS TO RAISE AND LOWER DOORS.

- PA-278-A-16 DETAILED VIEW SOUTH OF FURNACE 1.
- PA-278-A-17 DETAILED VIEW EAST OF FURNACE 1.
- PA-278-A-18 DETAILED OBLIQUE VIEW NORTH-NORTHEAST OF FURNACE 1.
- PA-278-A-19 DETAILED OBLIQUE VIEW SOUTH-SOUTHEAST OF FURNACE 2, SHOWING PLATFORM AT UPPER LEFT HOLDING PULLEY SYSTEM AND ELECTRIC MOTOR TO ACTIVATE DOORS.
- PA-278-A-20 DETAILED OBLIQUE VIEW SOUTHWEST OF FURNACE 2, SHOWING STEEL FRAME BOXES FOR COUNTERWEIGHTS, AND FURNACE HEATING PIPES AT RIGHT.
- PA-278-A-21 DETAILED FRONTAL VIEW WEST OF FURNACE 2, SHOWING MOUTHS WITH ROLLERS FOR MOVING TRAYS IN AND OUT OF THE OVENS.
- PA-278-A-22 DETAILED OBLIQUE VIEW NORTHWEST OF FURNACE 2, SHOWING GENERAL CONSTRUCTION. CONCRETE PAD AT LEFT IS SITE OF FORMER FURNACE USED TO HEAT URANIUM BILLETS.
- PA-278-A-23 GENERAL OVERALL VIEW NORTH OF COMPRESSOR ROOM (BLDG. NO. 8).
- PA-278-A-24 GENERAL OVERALL INTERIOR VIEW NORTH, SHOWING CUTTER PIT IN CENTER.
- PA-278-A-25 DETAILED OBLIQUE VIEW NORTHEAST OF CUTTER PIT.
- PA-278-A-26 DETAILED OBLIQUE VIEW SOUTHEAST OF EXHAUST FLUE, REMNANT OF ORIGINAL ROLLING MILL.
- PA-278-A-27 DETAILED OBLIQUE VIEW SOUTH-SOUTHWEST OF SUSPECTED MICA PIT, SHOWN AS A T-SHAPED GHOST ON FLOOR.
- PA-278-A-28 DETAILED OBLIQUE VIEW SOUTH-SOUTHWEST OF SUSPECTED MICA PIT WITH PARTIAL EXCAVATION.
- PA-278-A-29 DETAILED OBLIQUE VIEW NORTH-NORTHWEST OF SUSPECTED MICA PIT WITH PARTIAL EXCAVATION.
- PA-278-A-30 DETAILED FRONTAL VIEW WEST OF EXCAVATION AT SUSPECTED MICA PIT, SHOWING SOIL MIXED WITH MICA FLAKES AT REAR, AND DEEPER HOLE OF VIRGIN SOIL AT FRONT.
- PA-278-A-31 DETAILED FRONTAL VIEW EAST OF EXCAVATION AT SUSPECTED MICA PIT, SHOWING STRATIGRAPHY.

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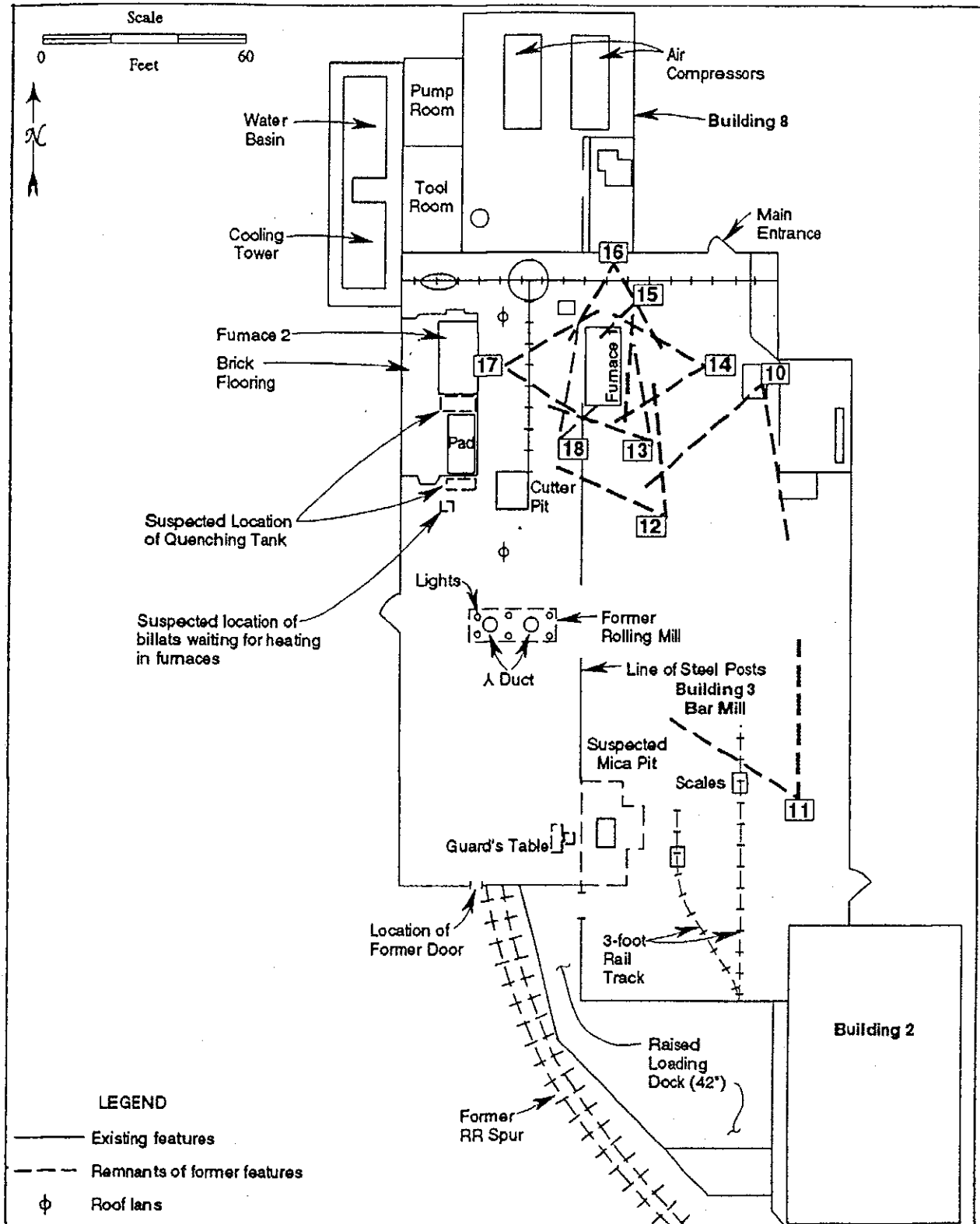
LAYOUT OF THE VULCAN CRUCIBLE STEEL COMPANY SITE (ALQUIPPA FORGE)

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